



()

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(%) (%) :
(p<0/001). (% % %) :
(%) (%) :

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() :

()

()

() ()
(kg/M²)
BMI)
()(
« »
(.)
()
()
(.)
()
()
CAD ()
()
(> mg/dl) (> mg/dl)
mg/dl ()
(GTT)
mg/dl
mg/dl GTT
mg/dl / Seca)
(

³ NCEP

¹ Pilot Study

² Body Mass Index, (BMI)

mg/dl
 .()
 %
 %
 (p< /)
 (%)
 mg/dl (%)
 SPSS (ver 9.5)
 p> /
 ()
 (p> /)

/ ± /	/ ± /	/ ± /	/ ± /	()
±	± *	±	±	()
±	± *	±	± *	()
/ ±	/ ± / *	/ ± /	/ ± / *	(kg/m ²) BMI

p< / * = BMI

(%)			(%)		
%			%		
%			% *	^	
%			% *	^	

p< / *
 p< / ‡

:

/ ± / ^	/ ±^ / *	/ ± /	/ ± / *	(mg/dl)
/ ± /	/ ± / *	/ ± /	/ ± / *	(mg/dl)
± /	± / *	± /	± / *	(mg/dl)

p< / *

p< / ‡

() .()
% %

.()

%
.() %

%

.()

.() .()
)

(.() ()

()

References:

1. Falkner B, Michel S: Obesity and other risk factors in children. *Ethn Dis*, 1999; 284-289.
2. Caprio S, Tomborlane WV: Metabolic impact of obesity in childhood. *Endocrinol metab Clin North Am*, 1999, 28: 731-747.
3. Hims JH, Dietz WH: Guideline for overweight in adolescents preventive service: recomm- endation from an expert committee: The expert committee on clinical guidelines for overw- eight in adolescents preventive services. *Am J Clin Nutr*, 1994, 59: 307-316.
4. Rocchani AP: Adolescent obesity and cardiovascular risk. *Pediatr Ann*, 1992, 21: 235-240.
5. Garaulet M, Martinez A, Victoria F, et al: Difference in dietary intake, an activity level between normal – weight and overweight or obese adolescents. *J Pediatr Gastroentrol Nutr*, 2000, 30: 253-258.
6. Must A, Dallal GE, Dietz WH: Reference data for obesity: 85th and 95th percentiles of body mass index (wt/ht²) and triceps skin fold thickness. *Am J Clin Nutr*, 1991, 53: 839-846.
7. US Department of Health and Human Services, Public Health Service: National cholesterol education program: highlights of the report of the expert panel on blood cholesterol levels in children and adolescents. *J Am Osteopath Assoc*, 1992, 92: 38-88.
8. Azizi F, Rahmani M, Madjid M et al: Serum lipid levels in an Iranian population of children and adolescents: Tehran Lipid and glucose Study (TLGS). *Eur J Epidem*, 2001, 17: 281-288.
9. Alberti K GM, Zimmet Z: Definition, diagnosis and classification of diabetes mellitus and its complications part 1: Diagnosis and classification of diabetes mellitus: Provisional Report of a WHO Consultation. *Diabet Med*, 1998, 15: 539-553.
11. Dietz WH: Childhood weight affects adult morbidity and mortality. *J Nutr*, 1998, Feb; 128: 411S-414S.
12. Ortega RM, Requejo AM, Andres P, Lopez-Sobaler AM, Redondo R, Gonzalez-Fernandez M: Relationship between diet composition and body mass index in a group of Spanish adolescents. *Br J Nutr*, 1995, 74(6): 765-773.
13. Arner P: Obesity and Metabolic syndrome In: Pinchera A, Brareman L. *MCGRAW-HILL Endocrinology and Metabolism*. 2nd Ed, New York, MCGRW-HILL Company, 2001: 669-668.
14. Friedland O, Nemet D: Obesity and Lipid profiles in children and adolescents. *Pediatr Endocrinol Metab*, 2001, 29: 101-106.
15. Hwang K, Chen R, Lee C: Metabolic disturbance in obese children. *J Pediatr*, 2000, 187: 75-80.
16. Valverde A, Vitolo R, Patin V: Changes in Lipid profile in obese children and adolescents. *Arch Latin Nutr*, 2000, 4: 338-343.
17. Carrol G: Obesity In: *WILLIAMS Textbook of Endocrinology*. 10th Ed, Philadelphia, W.Saunders Company, 2003, 1634-1640.